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Claims

1. (Currently Amended) A stand alone integrated mattress comprising:
a self-contained mattress unit having at least a head section and a foot section, and capable of converting from a horizontal position or an inclined position to a chair-like conformation;
~~at least one inflatable bladder in each section of the self-contained mattress unit;~~
at least one fluid source;
a control system (a) positioned in either the head section of the self-contained mattress unit or the foot section of the self-contained mattress unit and (b) transmits an electrical signal through transmission lines to a first dispersion unit and a second dispersion unit,
a first bladder in the section of the self-contained mattress unit without the control system and a second bladder in the section of the self-contained mattress unit with the control system;
the first dispersion unit is positioned in the section of the self-contained mattress unit without the control system, the first dispersion unit receives a signal from the control system that operates a fan or a pump in the first dispersion unit to pull or push fluid from the fluid source into the first dispersion unit when the control system transmits a signal to the first dispersion unit to obtain fluid, and the first dispersion unit directs the fluid to predetermined the first fluid conduits that direct transmits the fluid into predetermined the first inflatable bladders positioned in the section of the first dispersion unit, the first fluid conduits are positioned exclusively in the section without the control system;
the second dispersion unit is positioned in the section with the control system; the second dispersion unit receives a signal from the control system that operates a fan or a pump in the second dispersion unit to pull or push fluid from the fluid source when the control system transmits a signal to the second dispersion unit to obtain fluid, and the second dispersion unit directs the fluid to predetermined the second fluid conduits that direct transmits the fluid into predetermined the second inflatable bladders positioned in the section of the second dispersion unit, the second fluid conduits are positioned exclusively in the section with the control system
wherein the first inflatable bladder, the second inflatable bladder, the first dispersion unit, the first fluid conduits, the second dispersion unit, the second fluid conduits, the control system, and the transmission lines are within the self-contained mattress unit.
2. (Original) The stand alone integrated mattress of claim 1 wherein the at least one fluid source is ambient air.
3. (Original) The stand alone integrated mattress of claim 1 wherein the at least one fluid source is selected from the group consisting of a reservoir, ambient air and combinations thereof.
4. (Original) The stand alone integrated mattress of claim 1 wherein the fluid is selected from the group consisting of air and an aqueous solution.
5. (Original) The stand alone integrated mattress of claim 1 wherein the inflatable

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bladders are capable of vibrating, rotating, creating wave motions, providing not direct percussion, providing support, and combinations thereof to a user of the mattress.

6. (Currently Amended) The stand alone integrated mattress of claim 1 wherein the control ~~unit~~ system has an input unit that allows an operator to input data to control at least the inflation and/or deflation of the inflatable bladders.

7. (Currently Amended) The stand alone integrated mattress of claim 6 wherein the input unit is interconnected to the control ~~unit~~ system as an integrated component thereof.

8. (Currently Amended) The stand alone integrated mattress of claim 6 wherein the input unit is interconnected to the control unit system by a tethered electrical connection.

9. (Currently Amended) The stand alone integrated mattress of claim 6 wherein the input unit is interconnected to the control ~~unit~~ system through an electrically connected hinge.

10. (Currently Amended) The stand alone integrated mattress of claim 6 wherein the input unit has a SIMM daughter board that interconnects to the control ~~unit~~ system.

11. (Previously Presented) The stand alone integrated mattress of claim 6 wherein the input unit transmits a remote wireless signal to a receiver on the control unit system.

12. (Currently Amended) A stand alone integrated mattress comprising:
a self-contained mattress unit having at least a head section and a foot section and is capable of converting from a horizontal position or an inclined position to a chair-like conformation;

~~at least one inflatable bladder in each section of the self-contained mattress unit;~~

at least one fluid source;

a control system (a) positioned in either the head section of the self-contained mattress unit or the foot section of the self-contained mattress unit and (b) transmits an electrical signal through transmission lines to a first dispersion unit and a second dispersion unit,

a first bladder in the section of the self-contained mattress unit without the control system and a second bladder in the section of the self-contained mattress unit with the control system;

the first dispersion unit is positioned in the section of the self-contained mattress unit without the control system, the first dispersion unit receives a signal from the control system that operates a fan or a pump in the first dispersion unit to pull or push fluid from the fluid source into the first dispersion unit when the control system transmits a signal to the first dispersion unit to obtain fluid, and the first dispersion unit directs the fluid to predetermined the first fluid conduits that direct transmits the fluid into predetermined the first inflatable bladders positioned in the section of the first dispersion unit, the first fluid conduits are positioned exclusively in the section without the control system;

the second dispersion unit is positioned in the section with the control system; the second dispersion unit receives a signal from the control system that operates a fan or a pump in the second dispersion unit to pull or push fluid from the fluid source when the control system

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~~transmits a signal to the second dispersion unit to obtain fluid, and the second dispersion unit directs the fluid to predetermined the second fluid conduits that direct transmits the fluid into predetermined the second inflatable bladders positioned in the section of the second dispersion unit, the second fluid conduits are positioned exclusively in the section with the control system wherein the first inflatable bladder, the second inflatable bladder, the first dispersion unit, the first fluid conduits, the second dispersion unit, the second fluid conduits, the control unit, and the transmission lines are within the self-contained mattress unit;~~

wherein the control system has an input unit that allows an operator to input data to control at least the inflation and/or deflation of the inflatable bladders

wherein the input unit is selected from the group consisting of the input unit (1) is interconnected to the control ~~unit~~ system by a tethered electrical connection, (2) transmits a remote signal to a receiver on the control ~~unit~~ system, (3) has a SIMM daughter board that interconnects to the control ~~unit~~ system, or (4) is interconnected to the control ~~unit~~ system through an electrically connected hinge.

13. (Previously Presented) The mattress of claim 12 wherein the control system is interconnected to each dispersion unit to control the dispersion of the fluid to the inflatable bladders in each section.

14. (Previously Presented) The mattress of claim 12 wherein at least one fluid source is ambient air.

15. (Previously Presented) The mattress of claim 12 wherein the at least one fluid source is selected from the group consisting of a reservoir, ambient air and combinations thereof.

16. (Previously Presented) The mattress of claim 12 wherein the fluid is selected from the group consisting of air and an aqueous solution.

17. (Previously Presented) The mattress of claim 12 wherein the inflatable bladders are capable of vibrating, rotating, creating wave motions, providing percussion, providing support, and combinations thereof to a user of the mattress.

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